

FIG 1

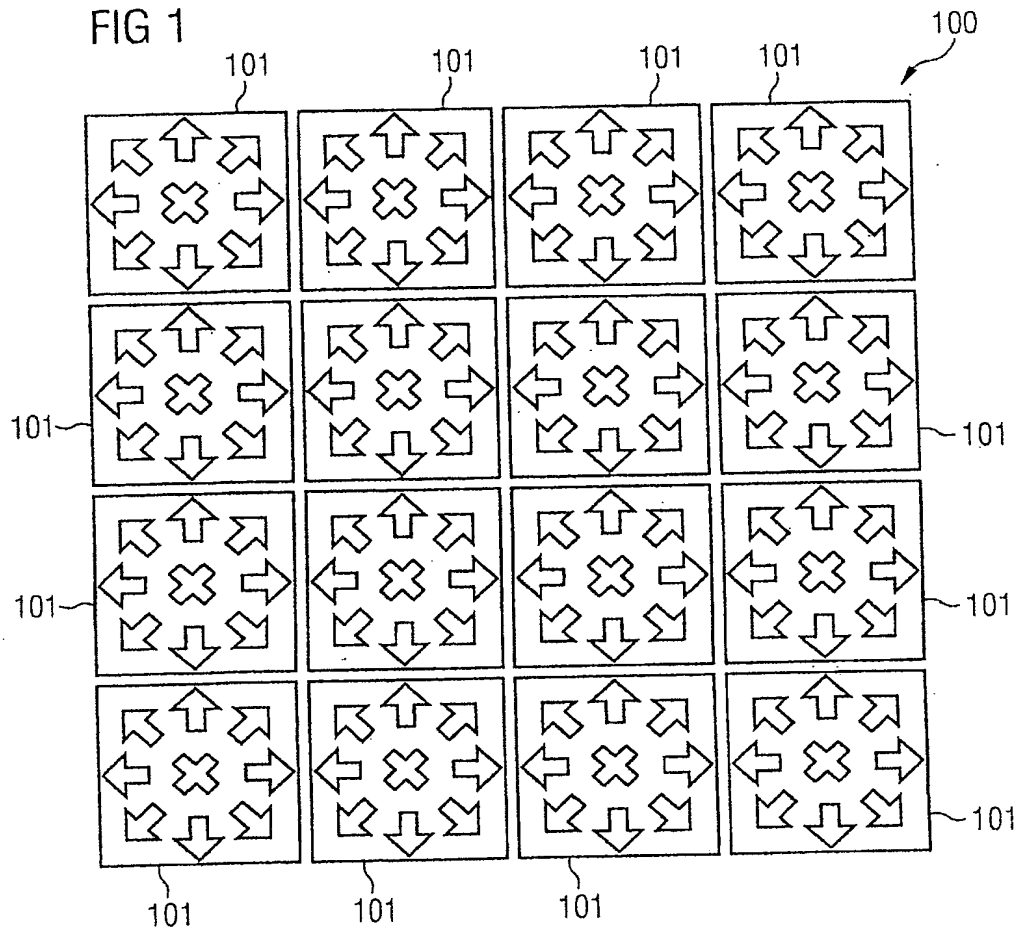


FIG 2A

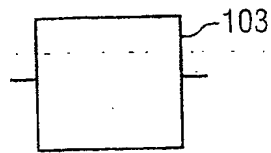


FIG 2B

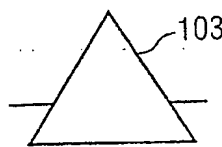


FIG 2C

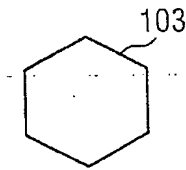


FIG 3

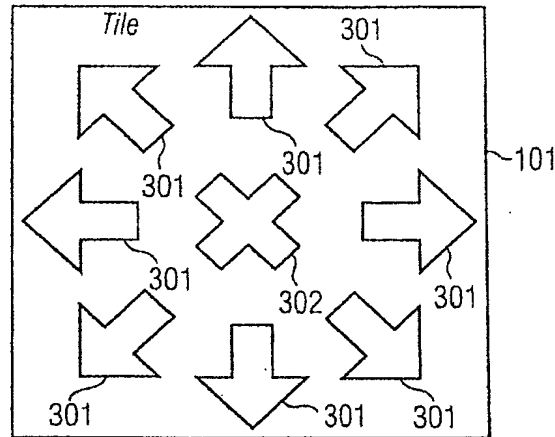


FIG 4

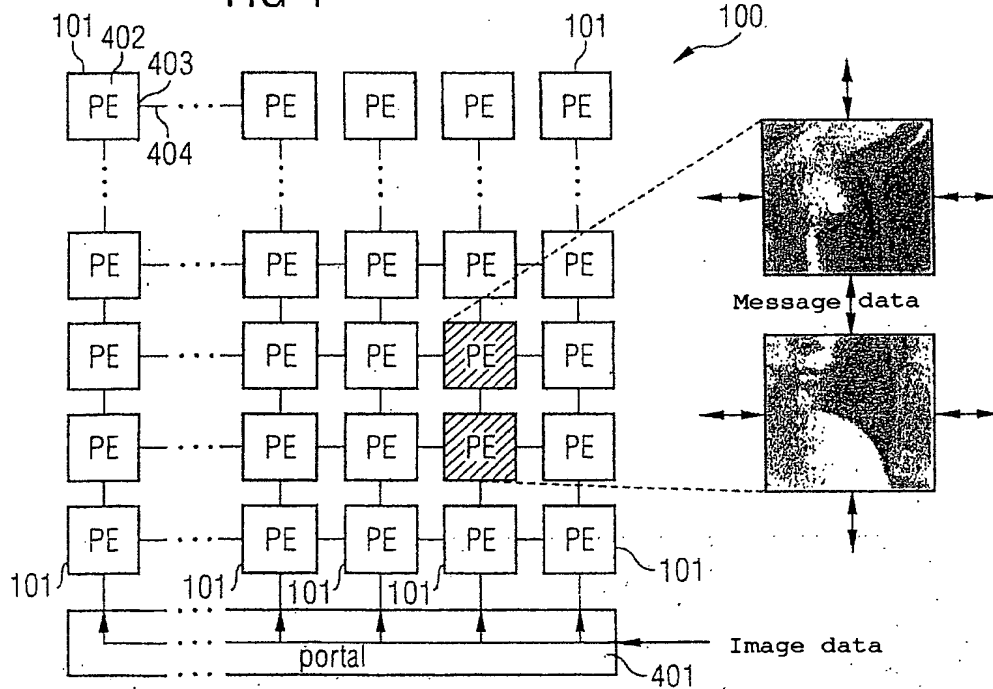


FIG 5

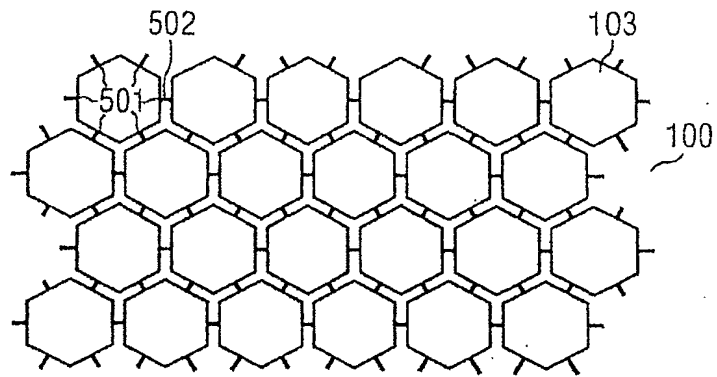
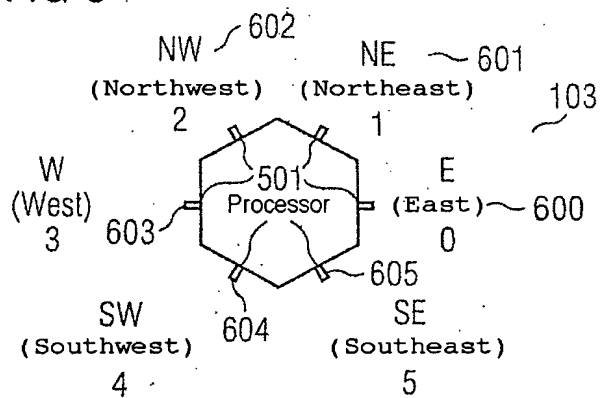


FIG 6



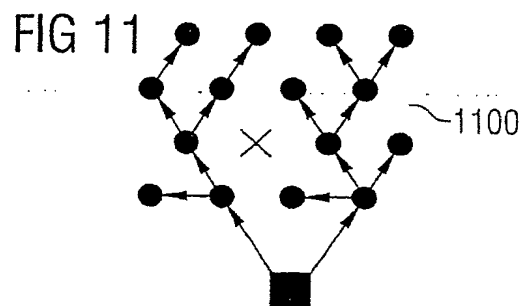
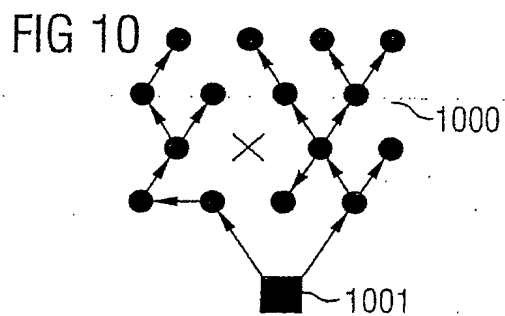
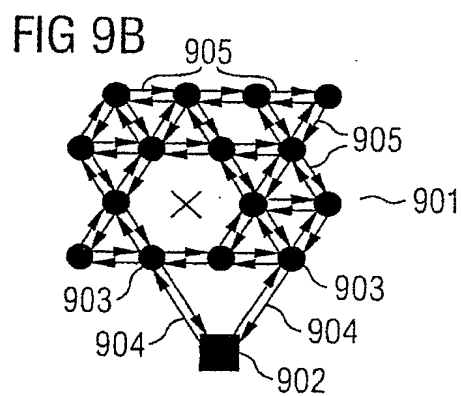
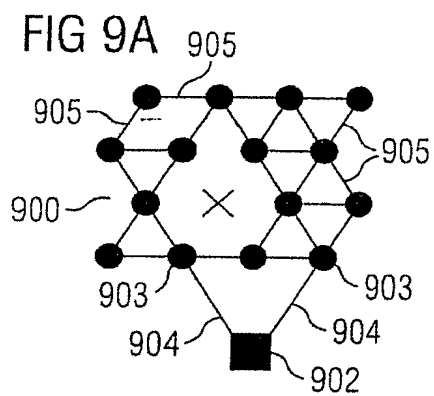
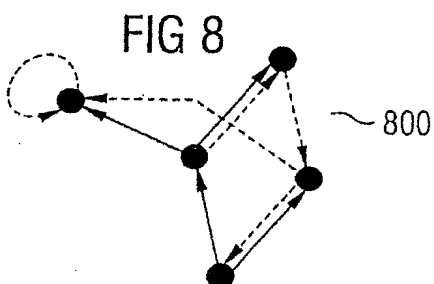
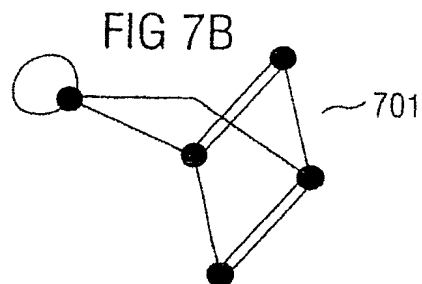
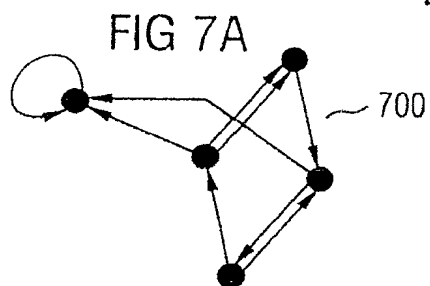


FIG 12A

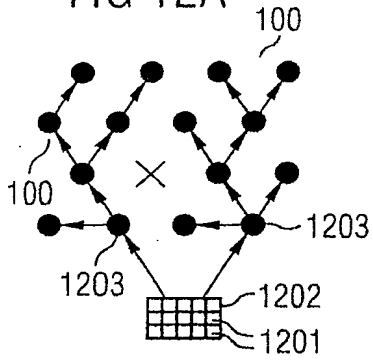


FIG 12B

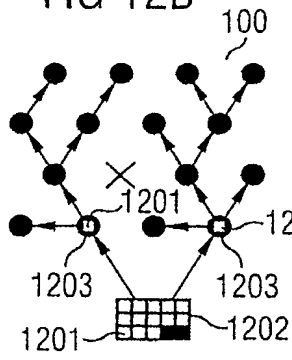


FIG 12C

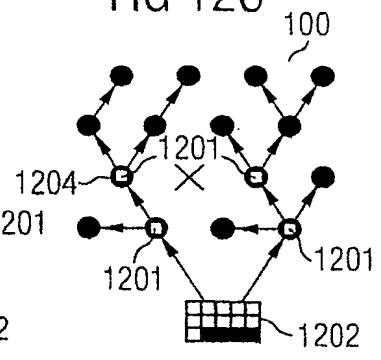


FIG 12D

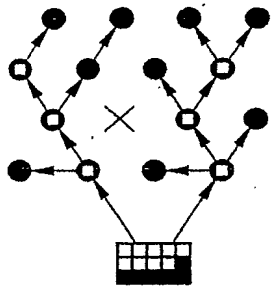


FIG 12E

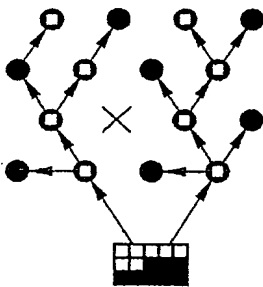


FIG 12F

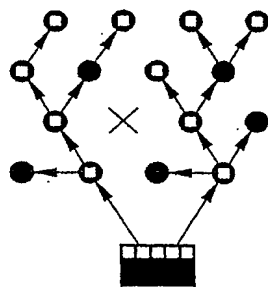


FIG 12G

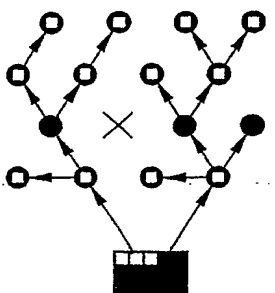


FIG 12H

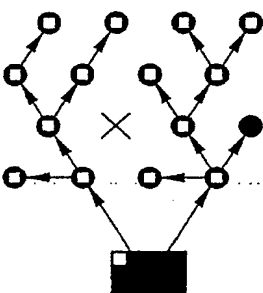
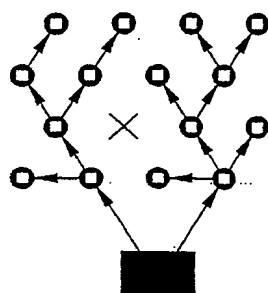


FIG 12J



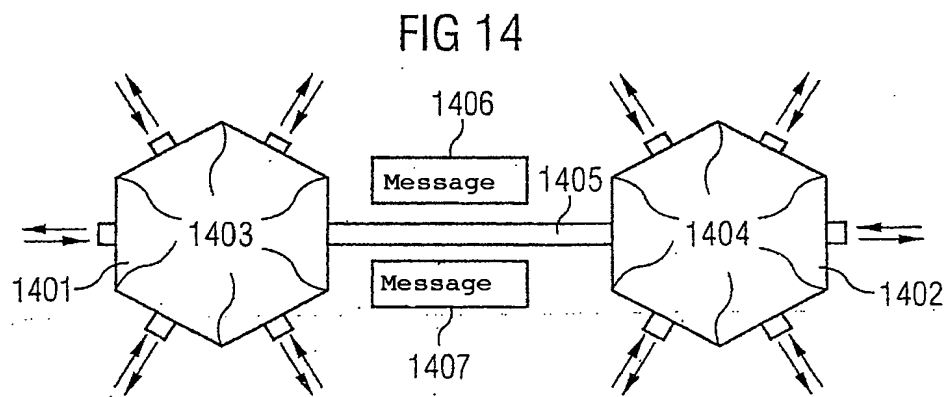
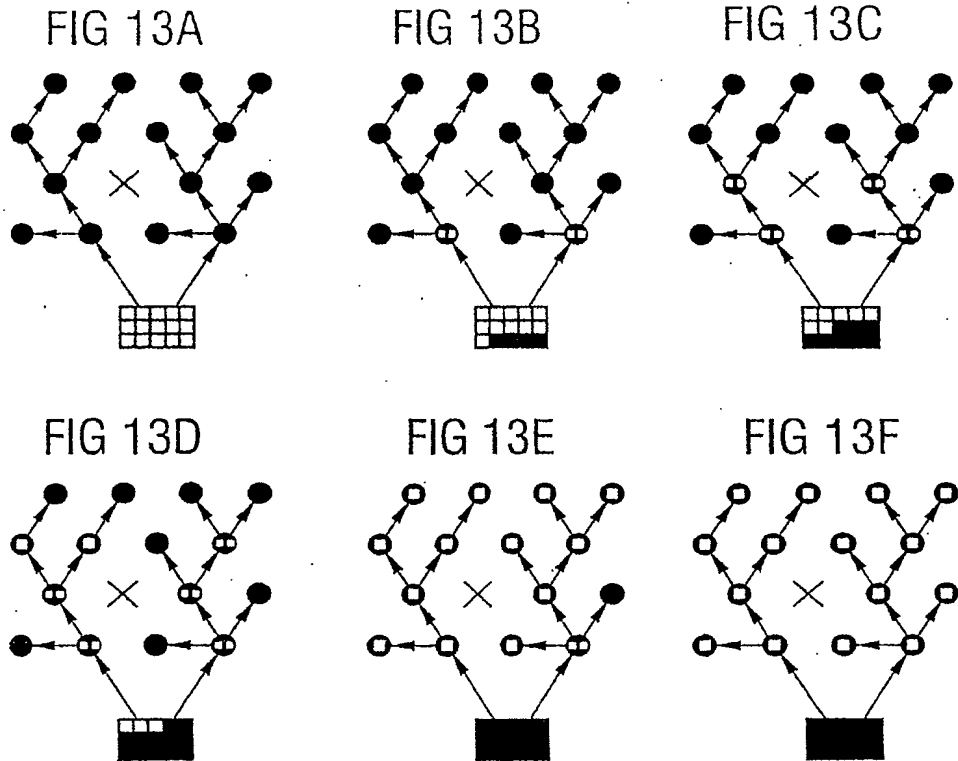


FIG 15

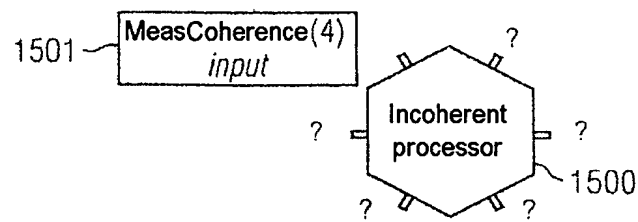


FIG 16

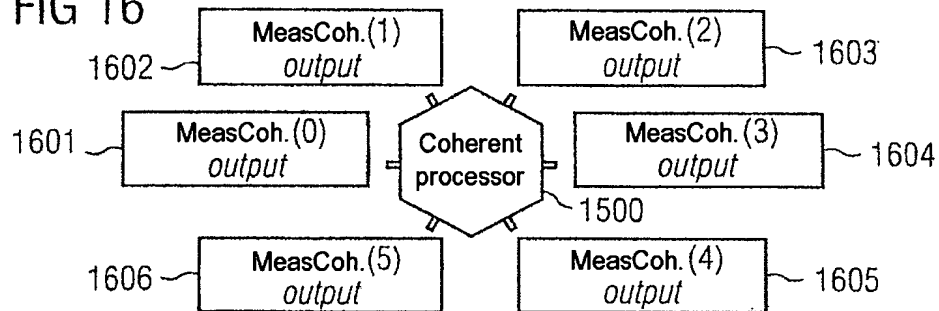


FIG 17

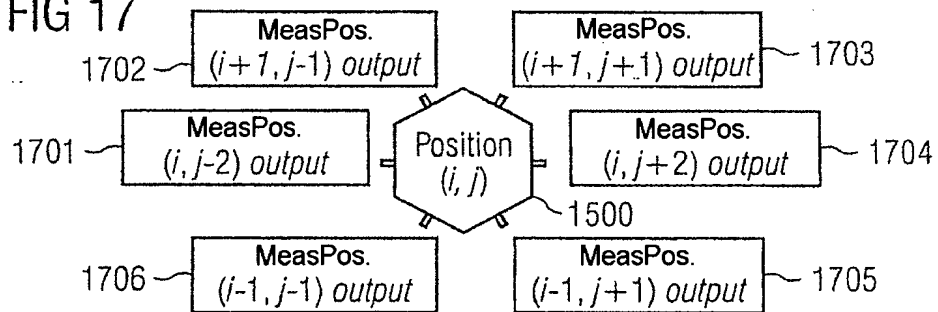


FIG 19

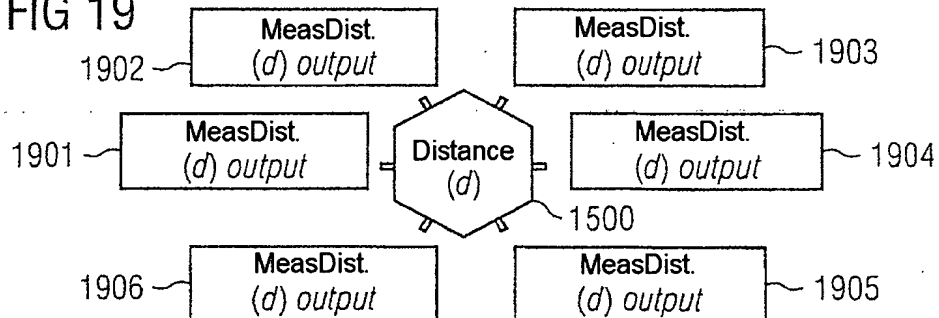
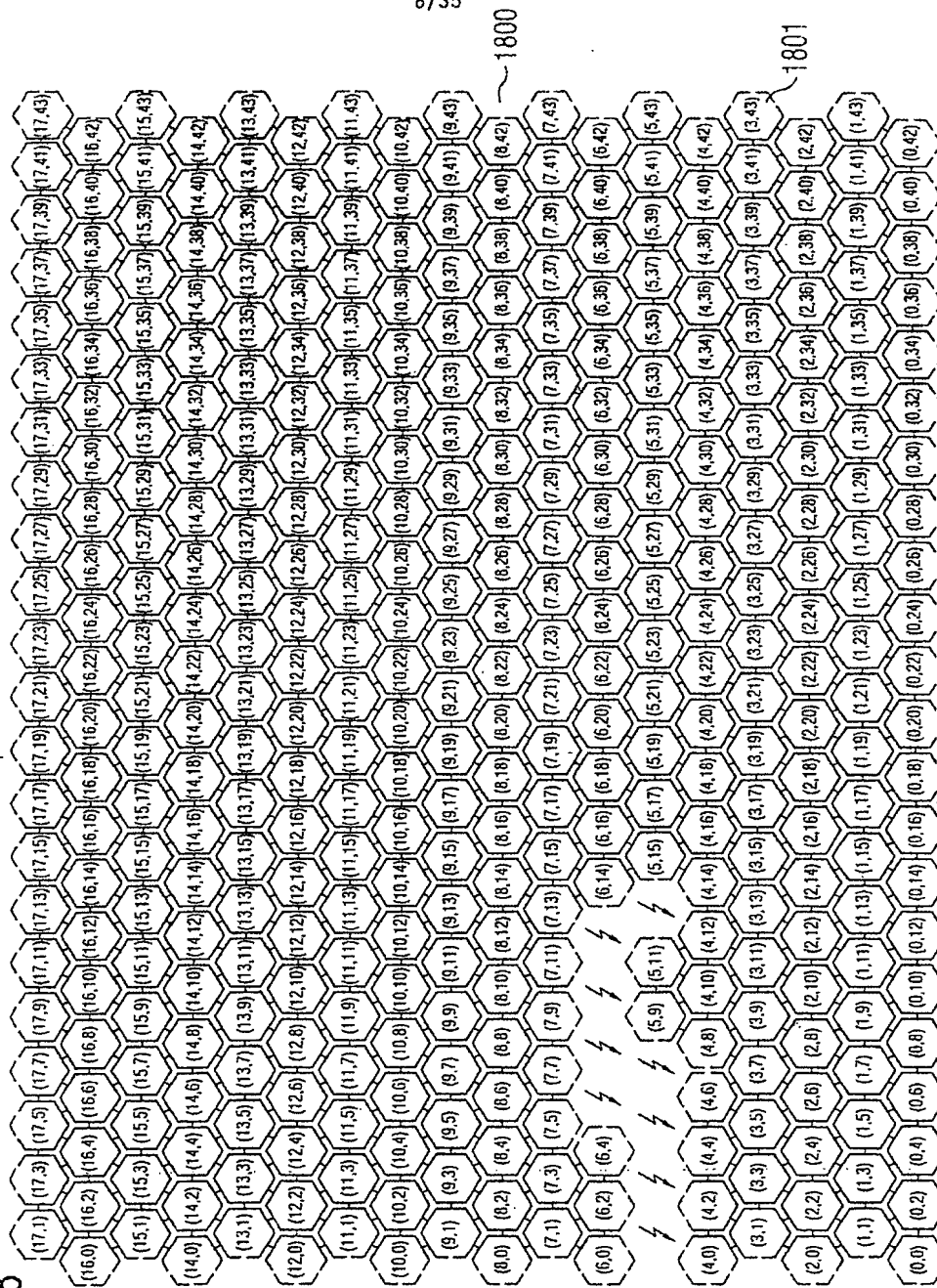
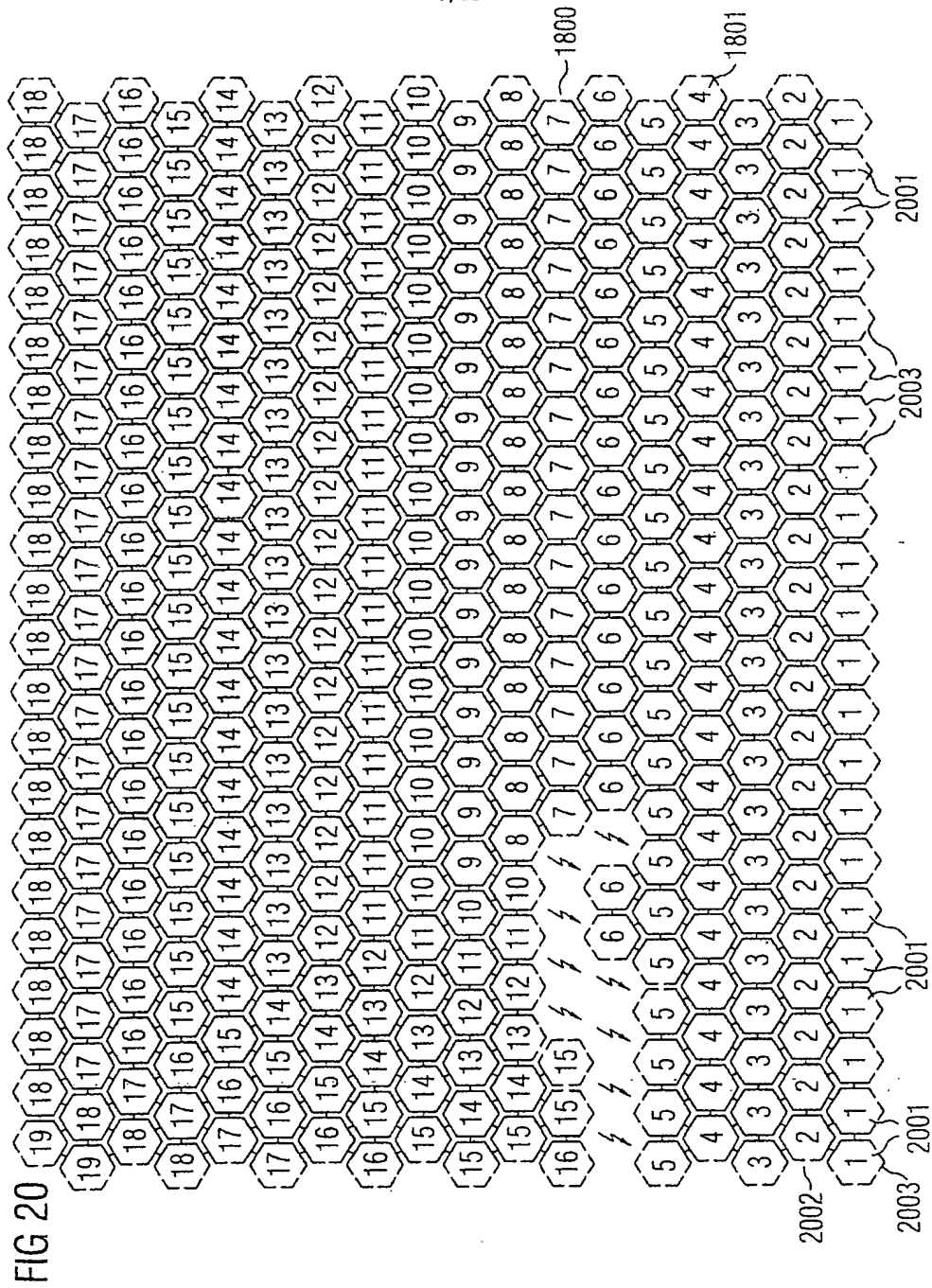


FIG 18





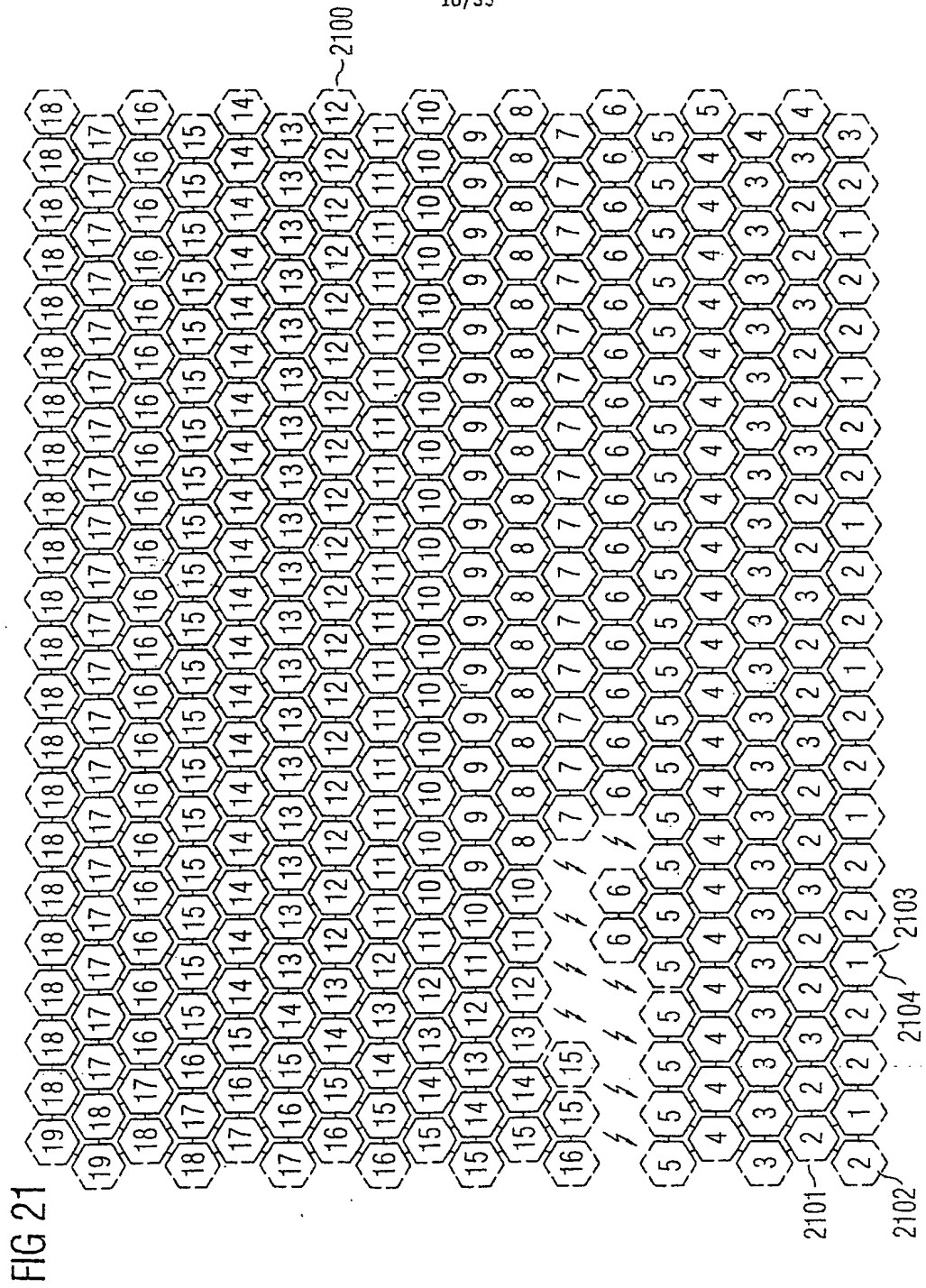


FIG 22

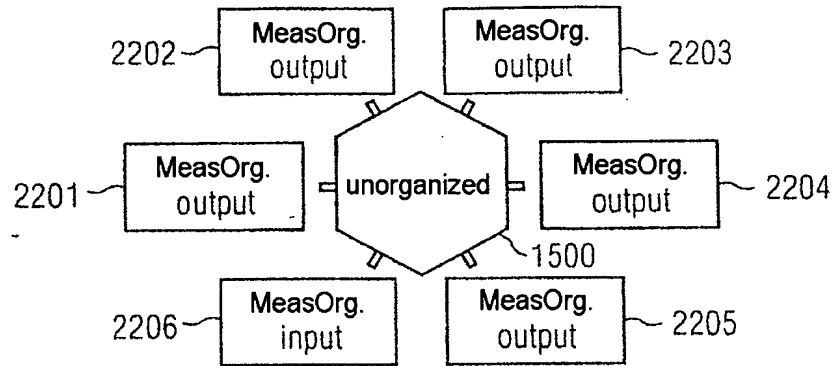


FIG 23

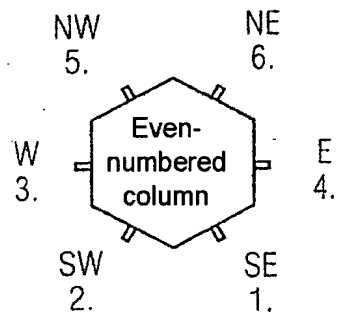


FIG 24

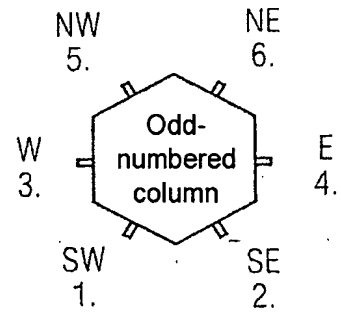
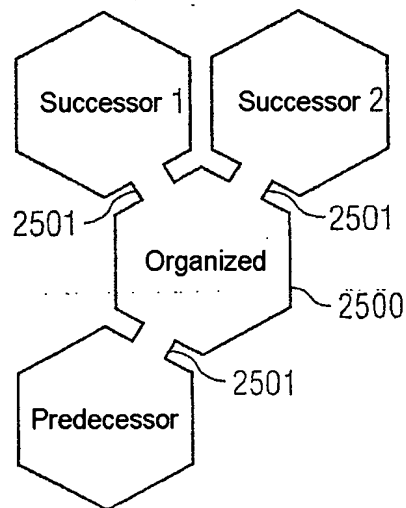


FIG 25



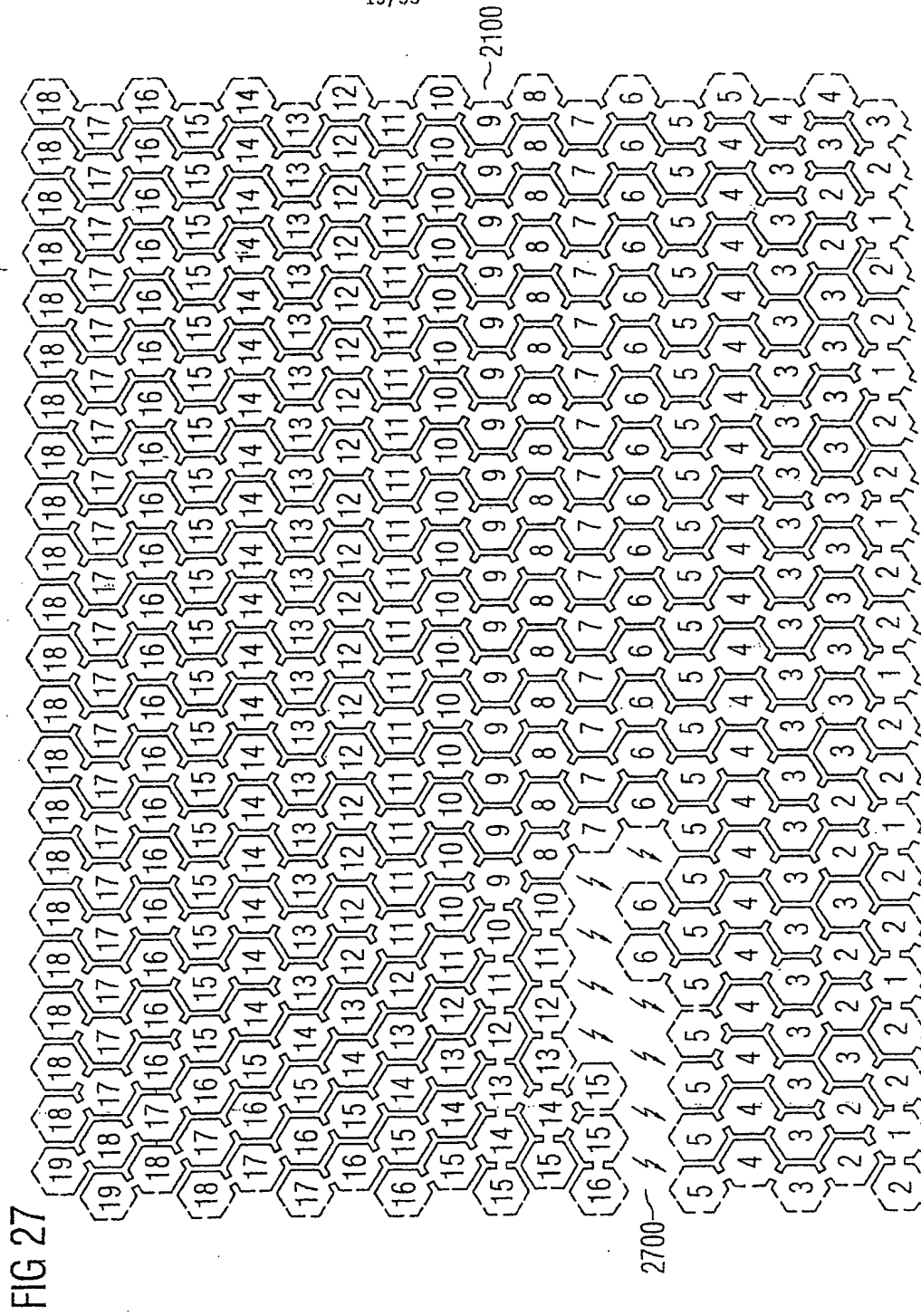


FIG 28

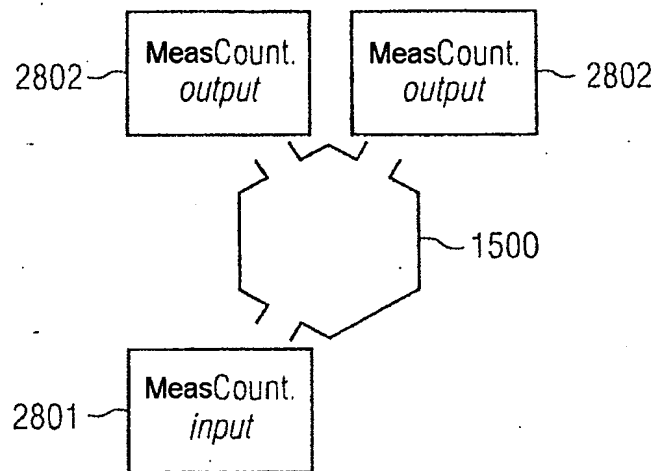
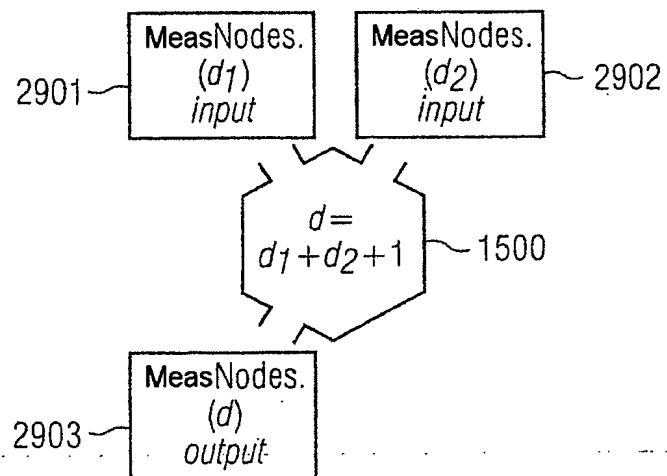


FIG 29



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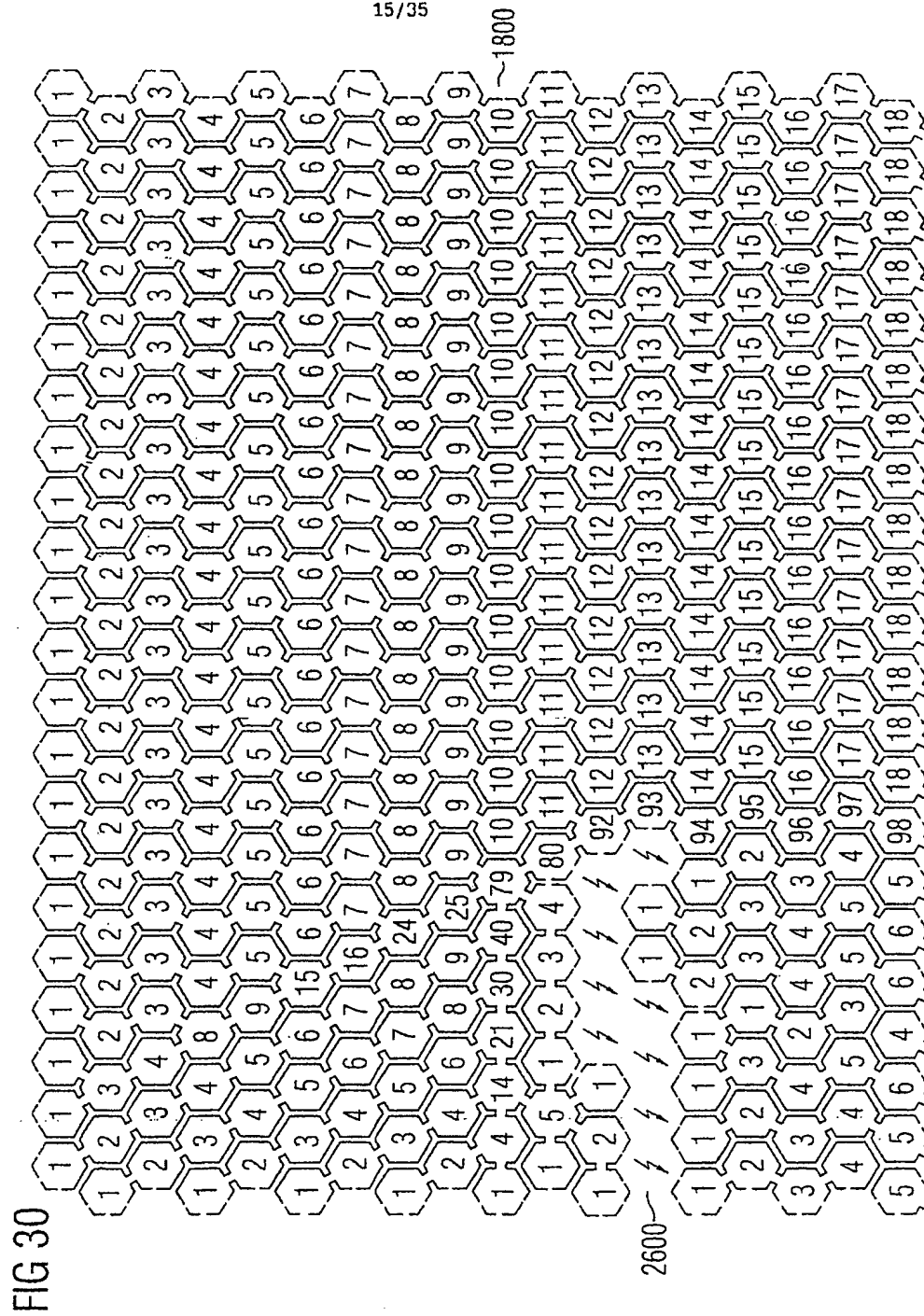


FIG 31

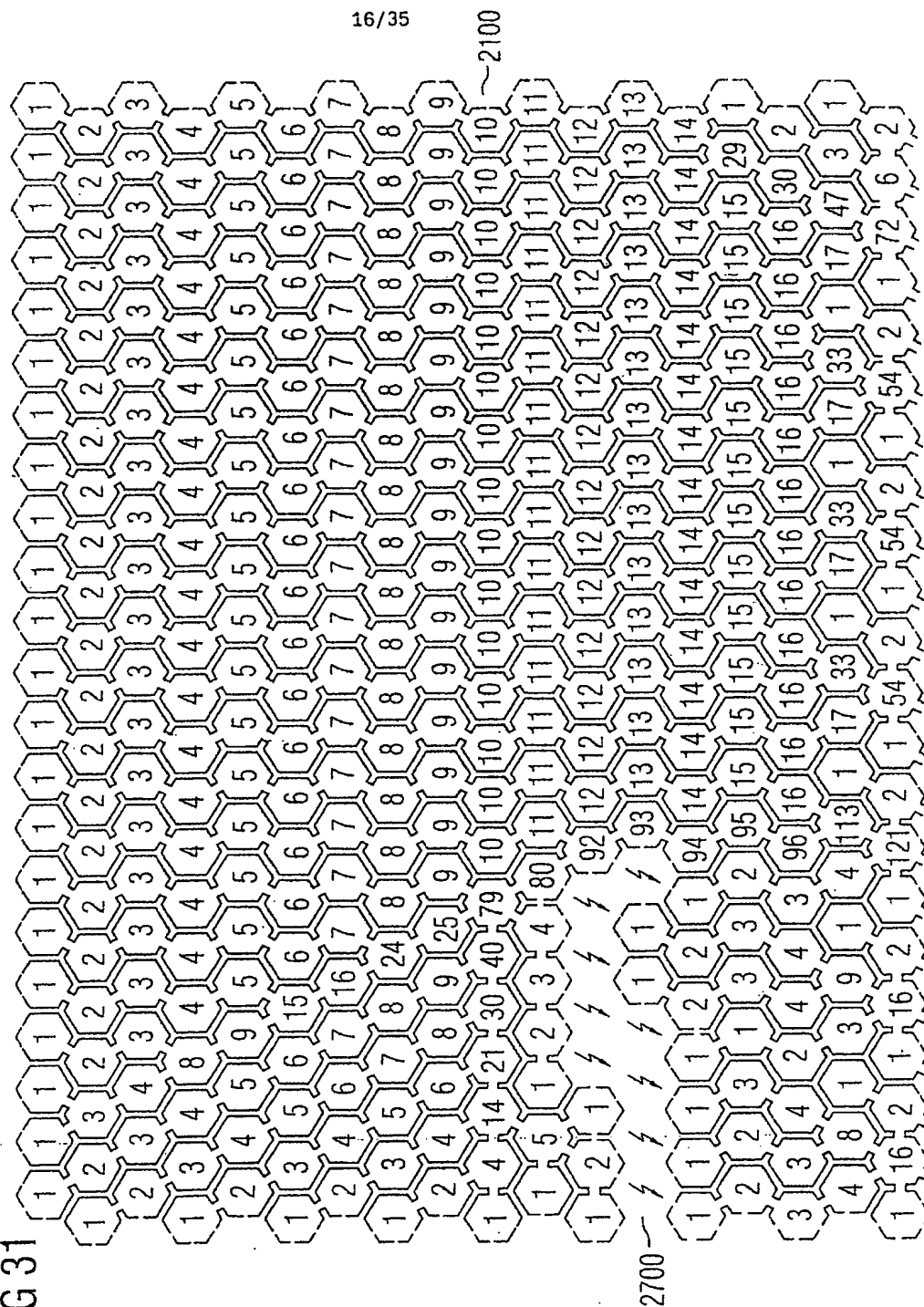


FIG 32

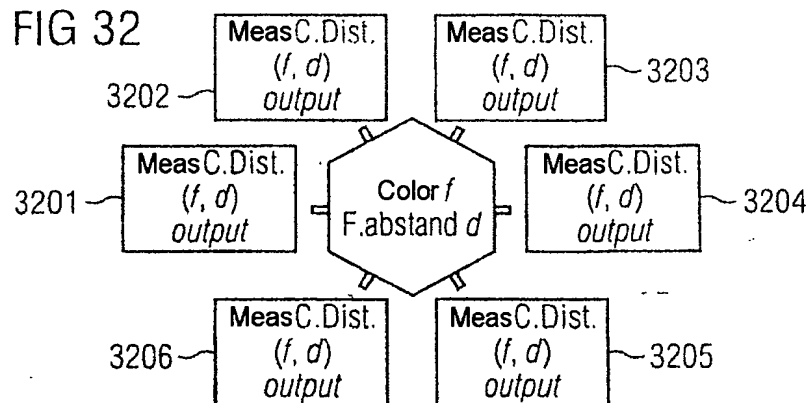


FIG 33

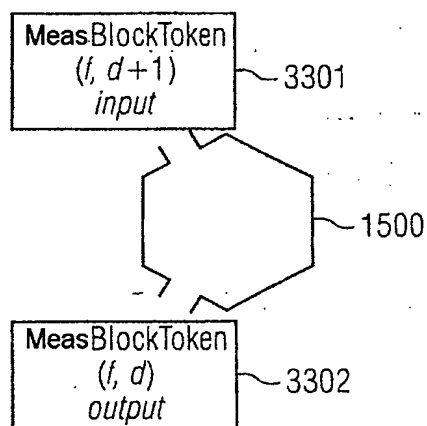
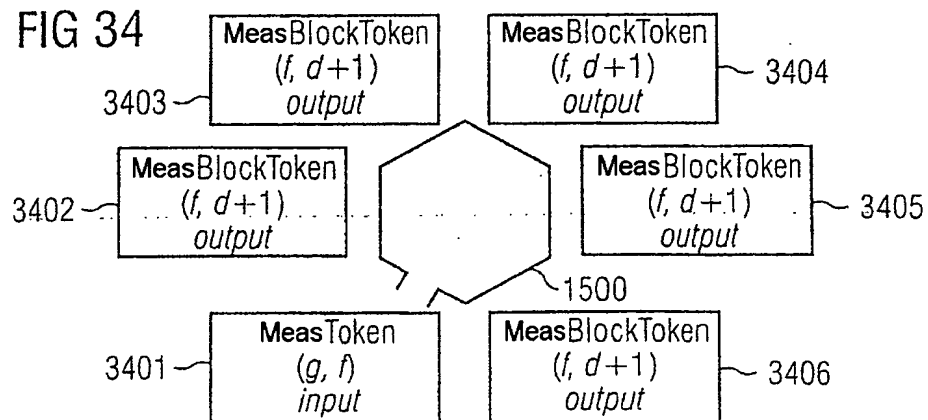


FIG 34



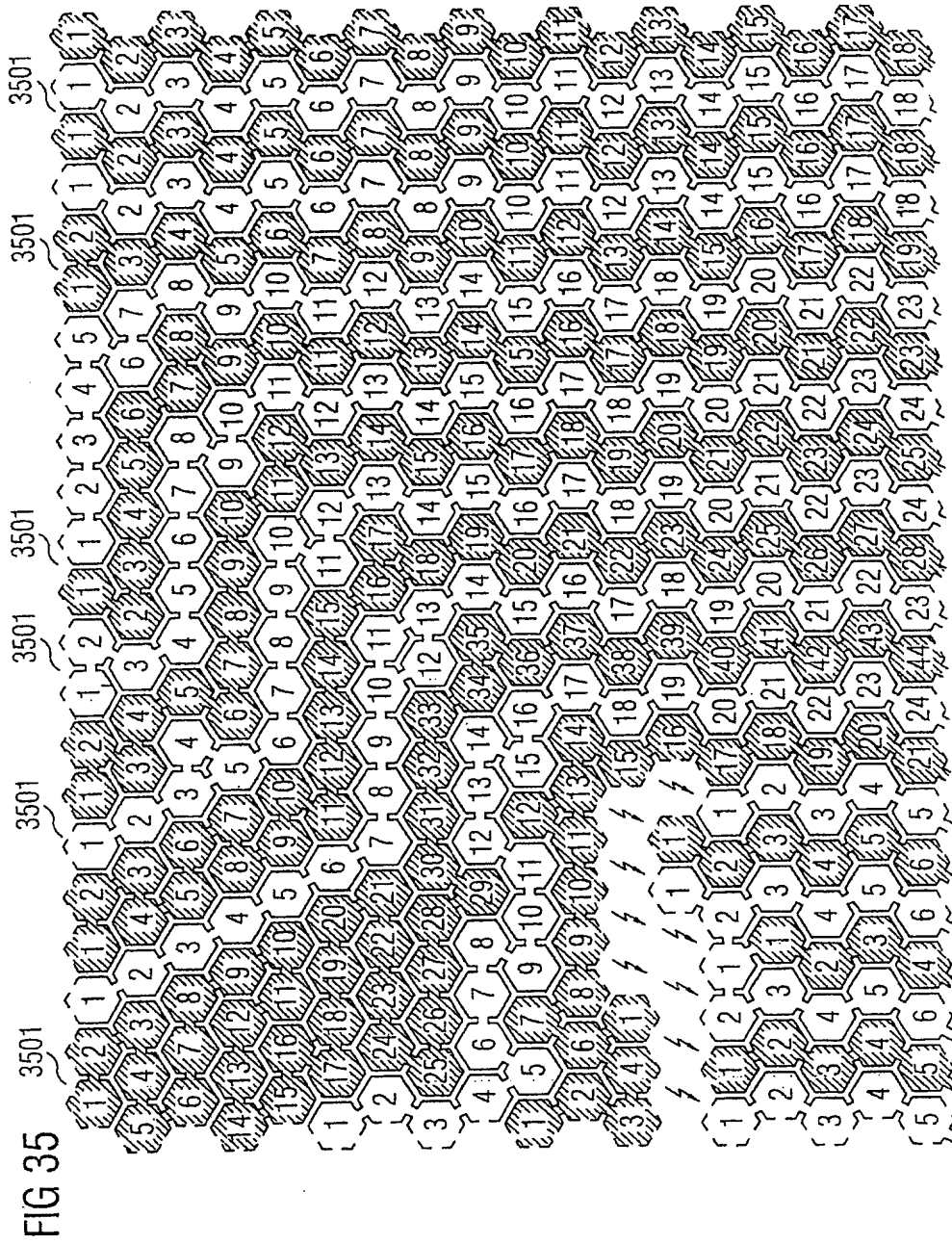


FIG 36

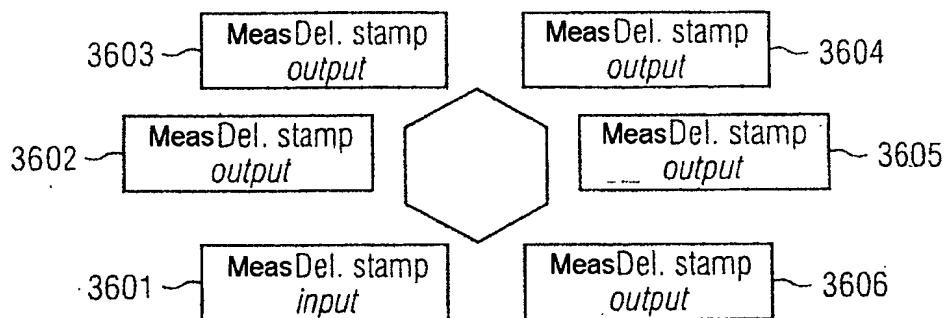


FIG 37

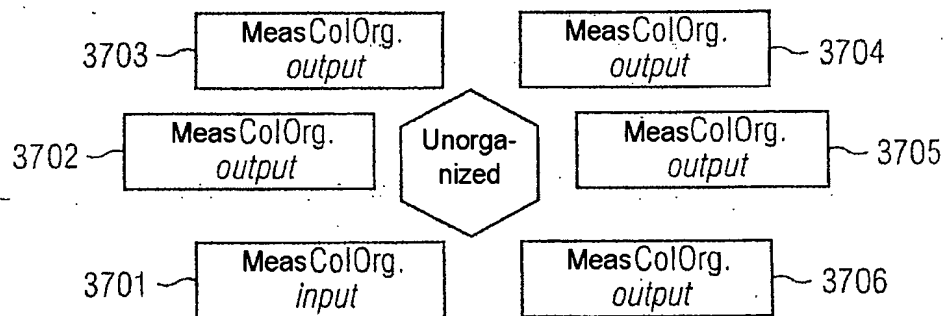
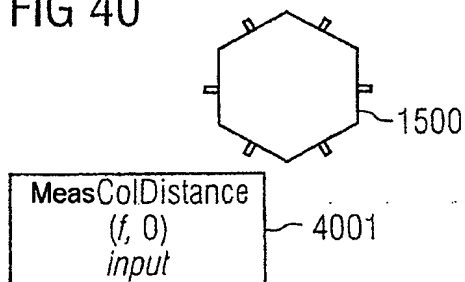
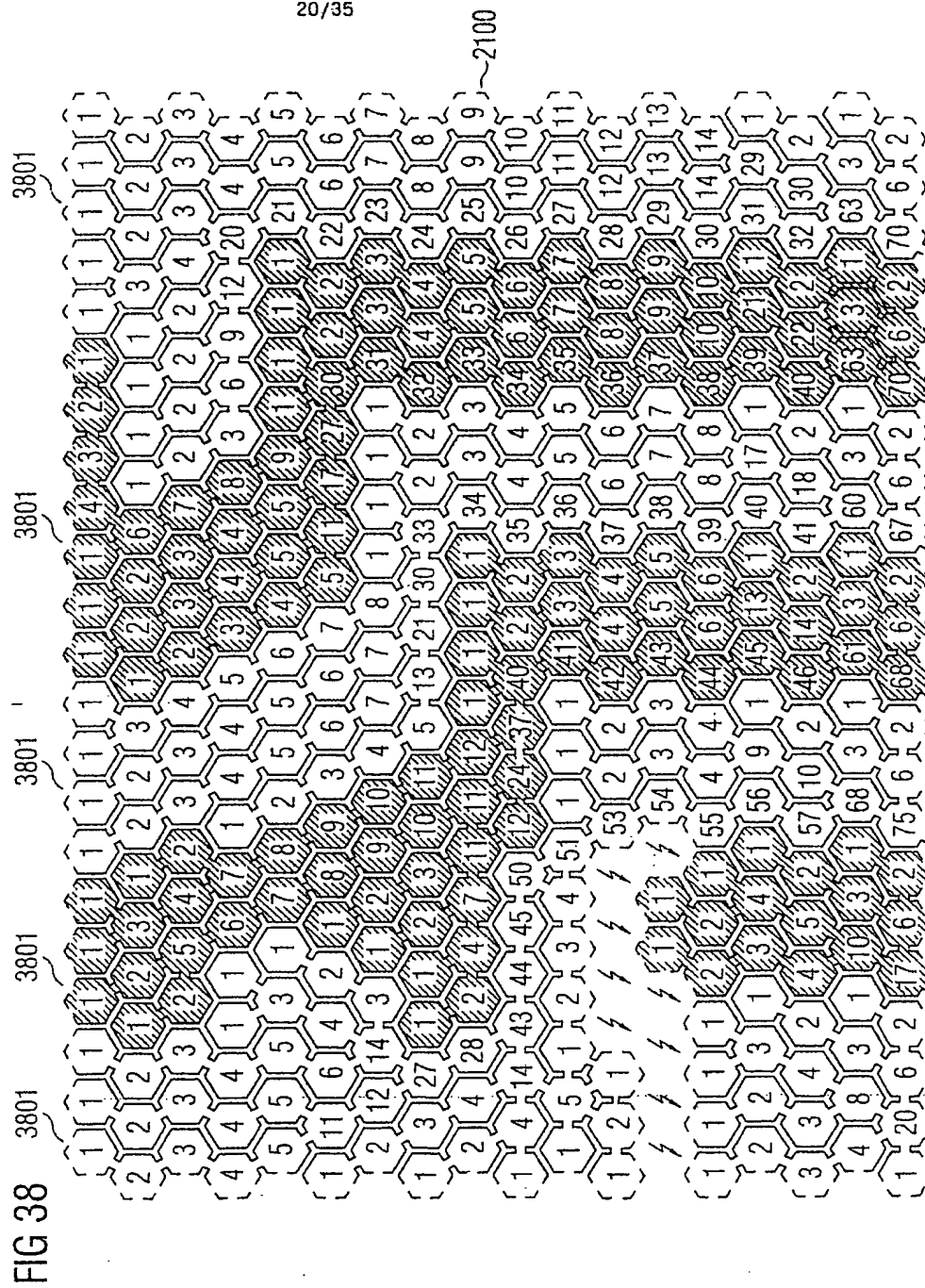


FIG 40



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1800

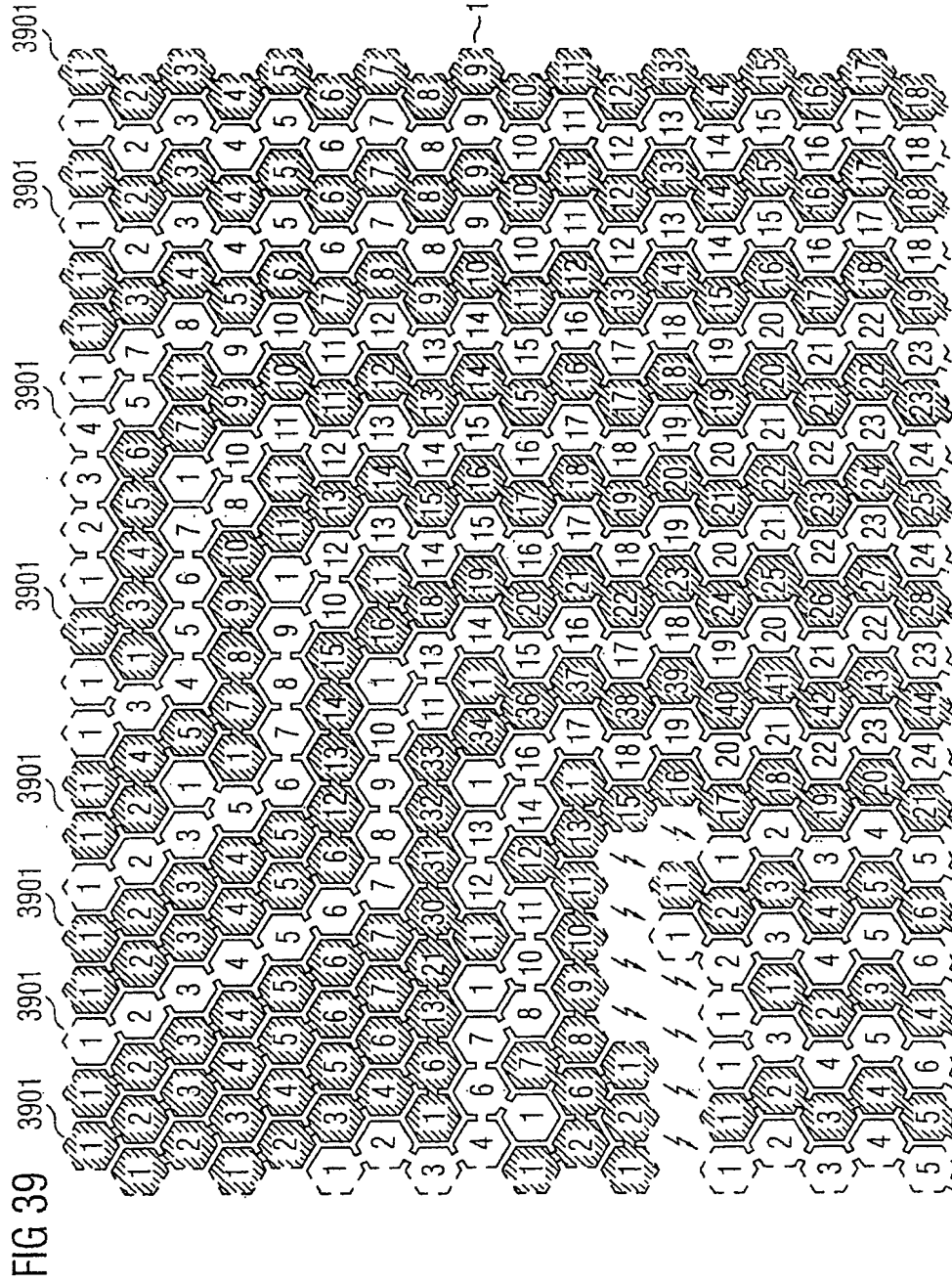


FIG 42

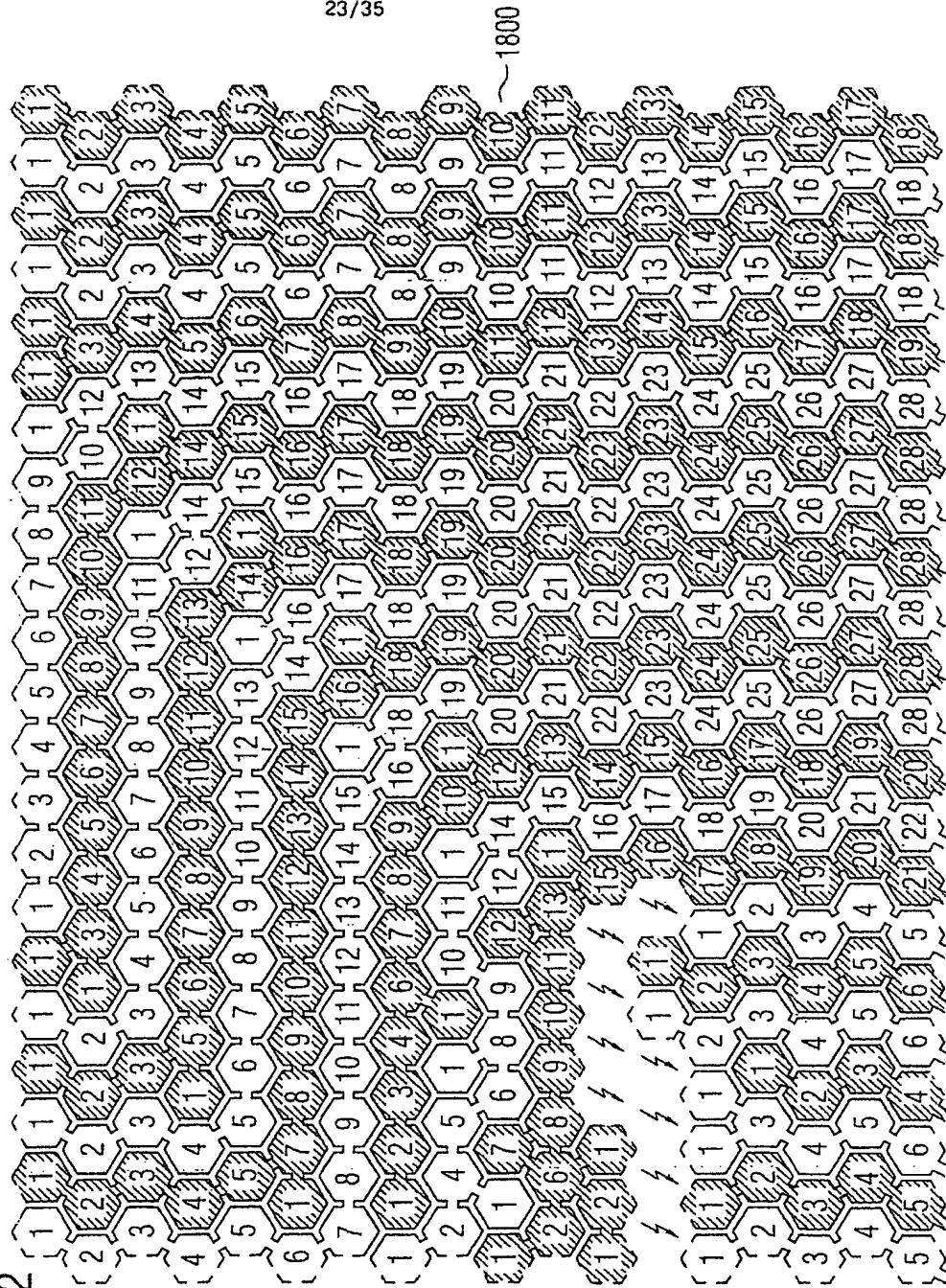


FIG 43

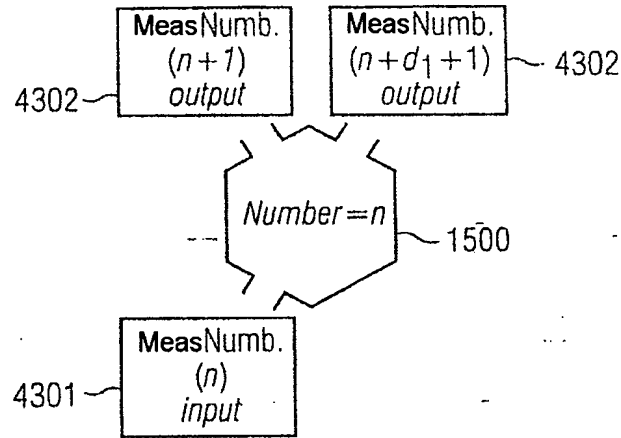


FIG 46

Example: Routing Table Pixel No. 123	
Message number n	Action
123	The receiver itself!
$124 \leq n \leq 135$	Transmit via output 1
$136 \leq n \leq 146$	Transmit via output 2
else	Error

4600

FIG 48

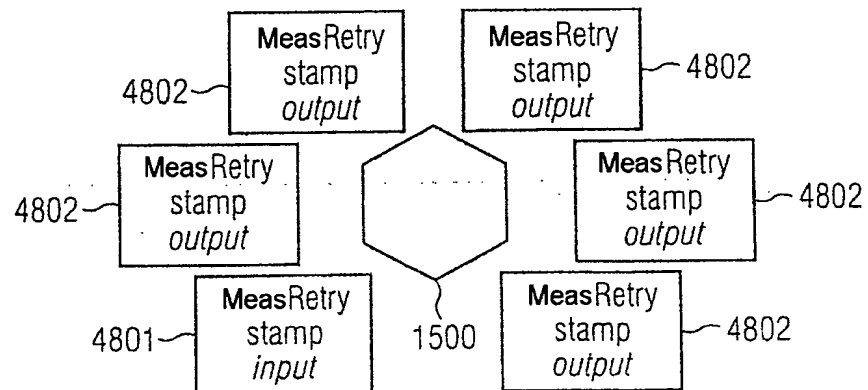


FIG 44

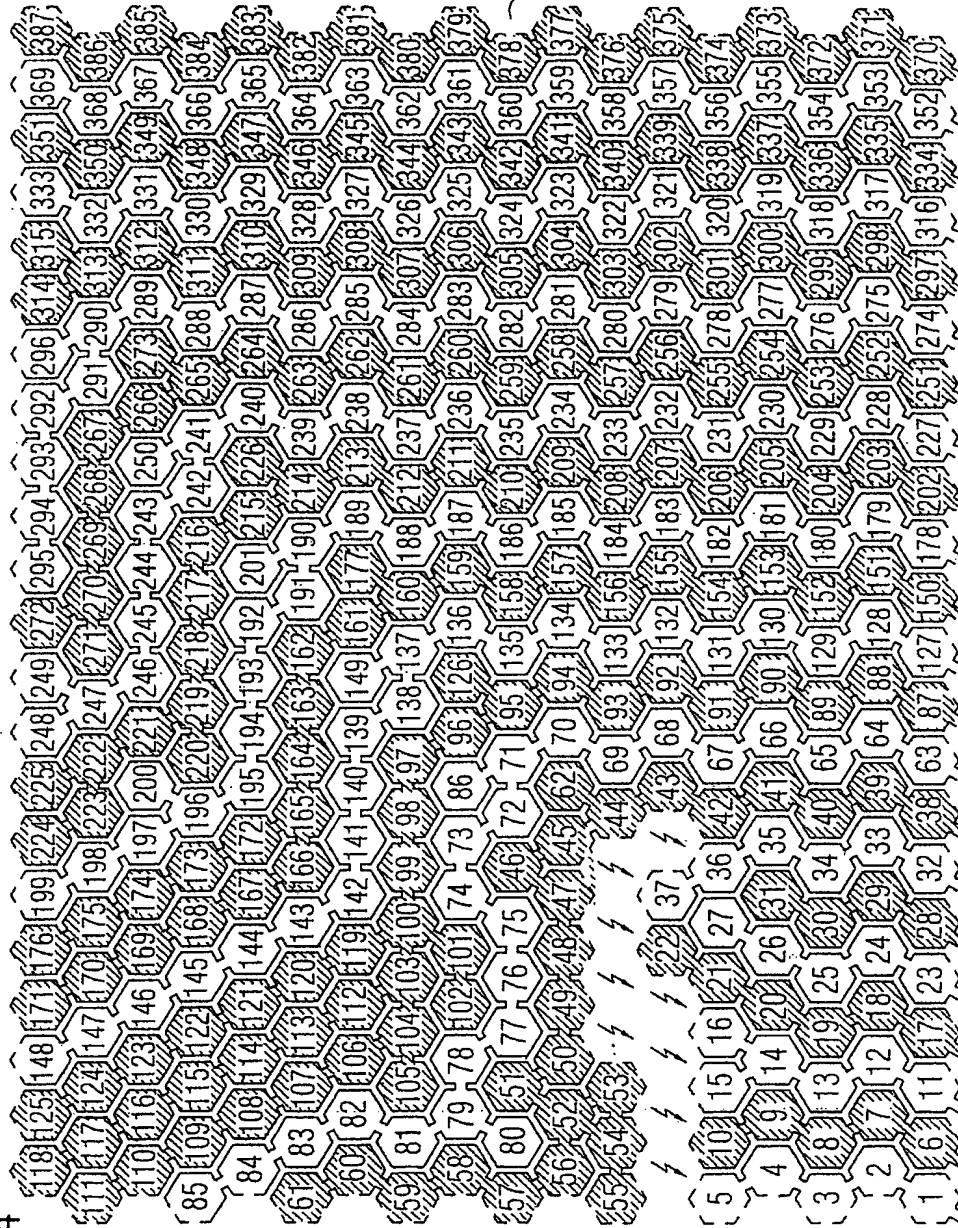
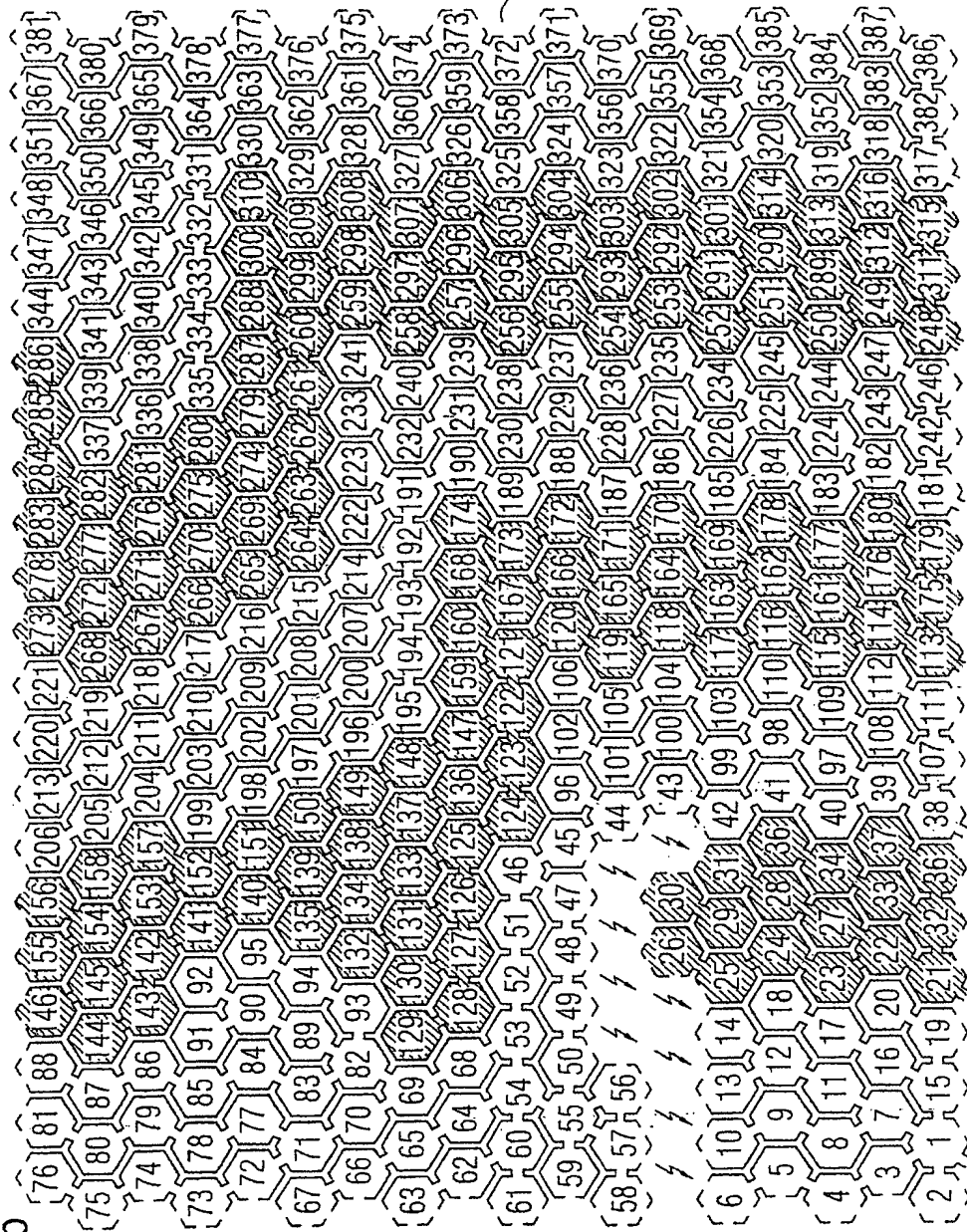
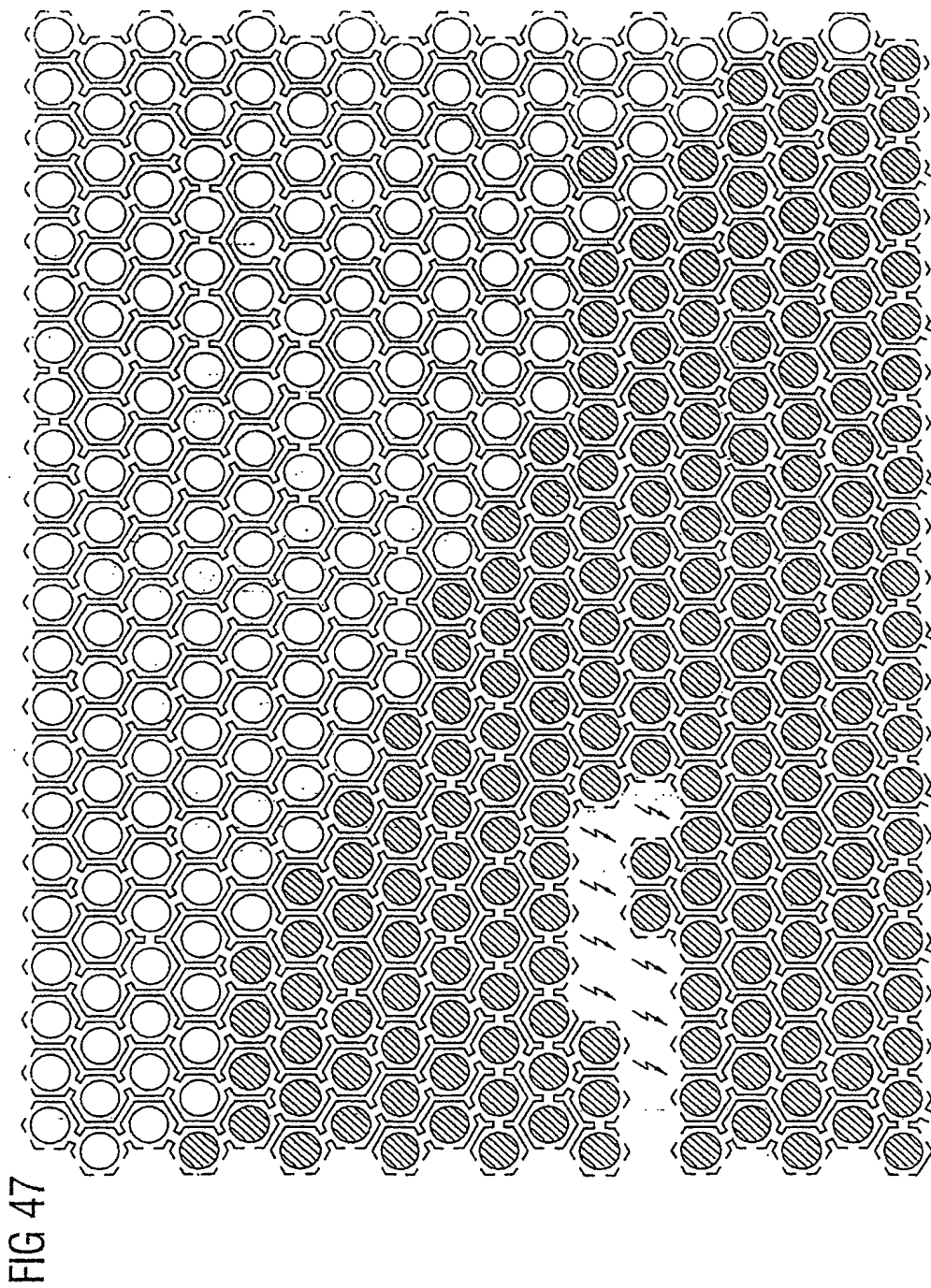


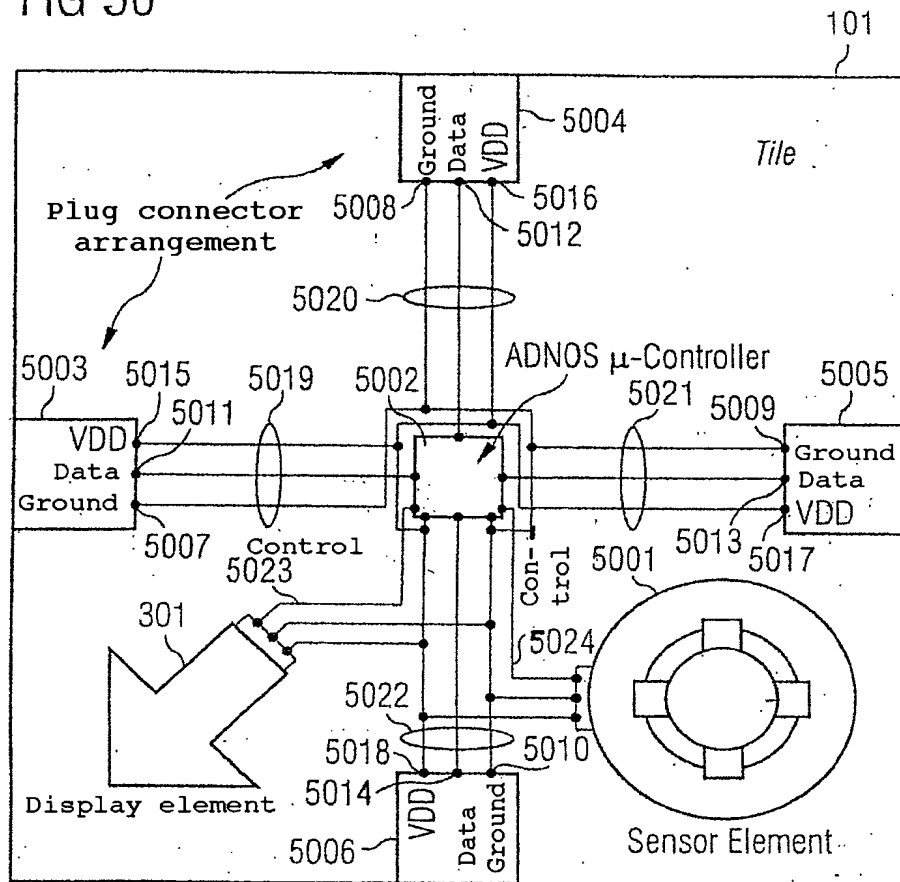
FIG 45





Message	Parameter
MeasBlock Token	Color, color separation
MeasChannel	-
MeasColDistance	Color, color separation
MeasCollectinfo	Row, column, pixel number, separation, color separation, throughput
MeasColOrganize	-
MeasCountNodes	-
MeasDeleteChannels	Stamp
MeasDistance	Distance
MeasError	Pixel number, connection number
MeasCoherenz	Direction
MeasNodesSize	Throughput
MeasNumbering	Pixel number
MeasOrganize	-
MeasPosition	Row, column
MeasReset	-
MeasRetry	Stamp
MeasRGB	Pixel number, red, green, blue
MeasToken	Weight, color

FIG 50



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FIG 51

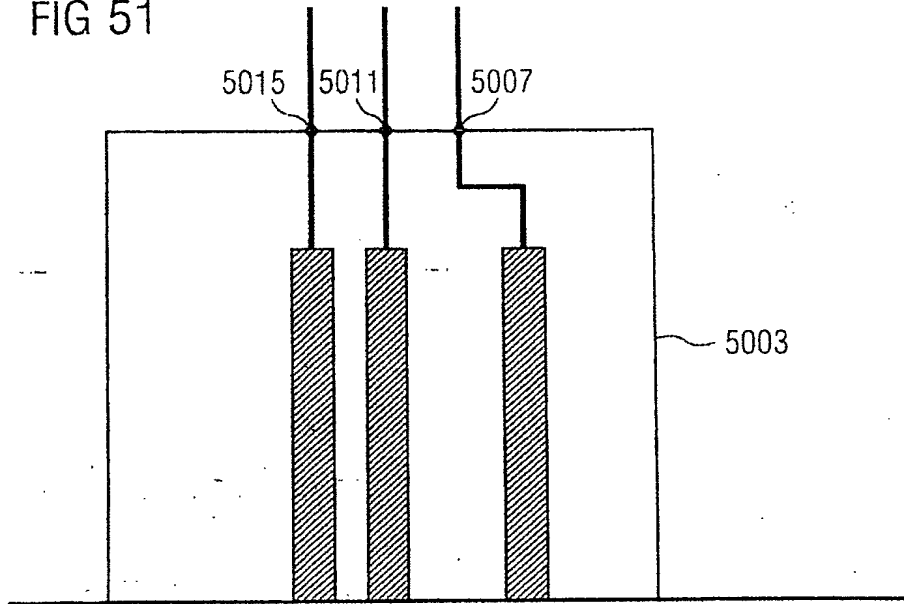


FIG 52A

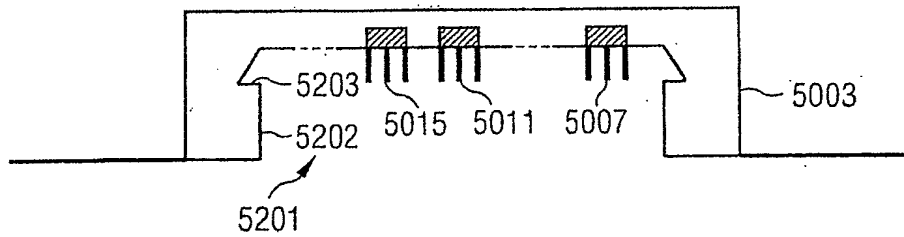


FIG 52B

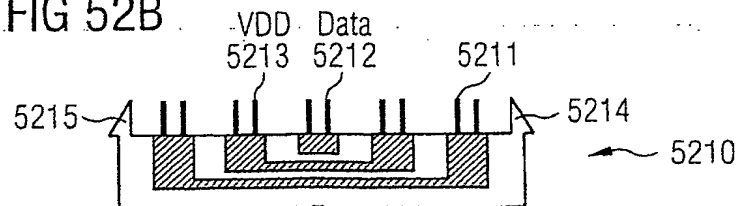


FIG 53

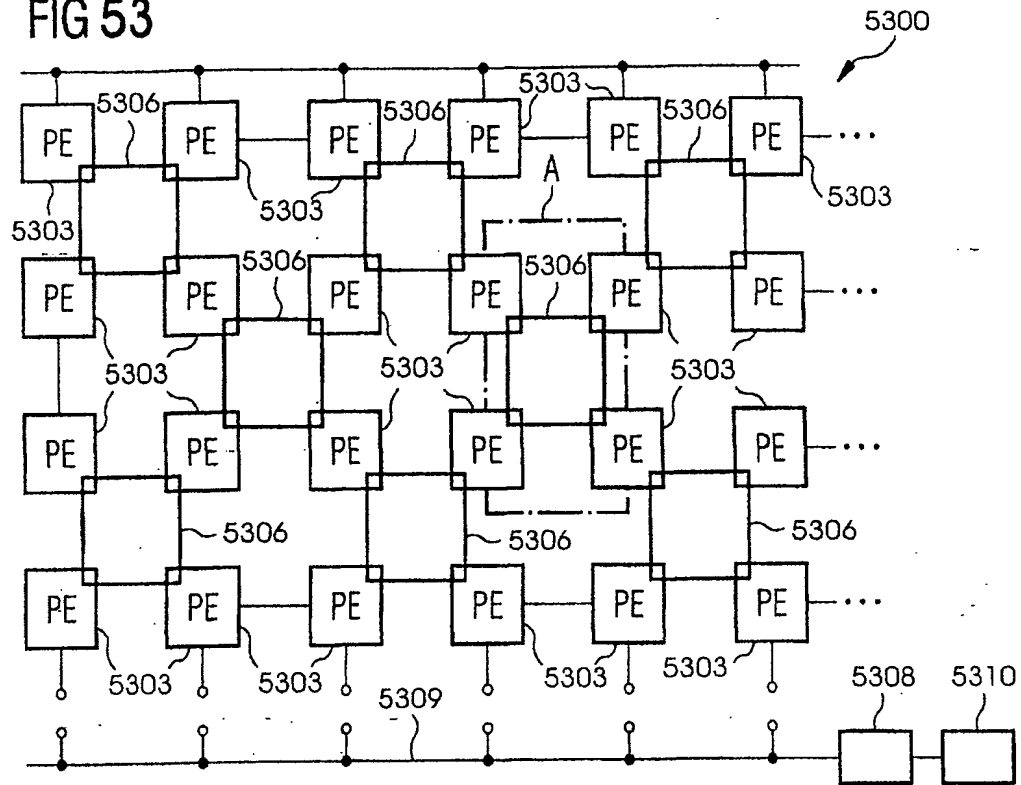


FIG 54

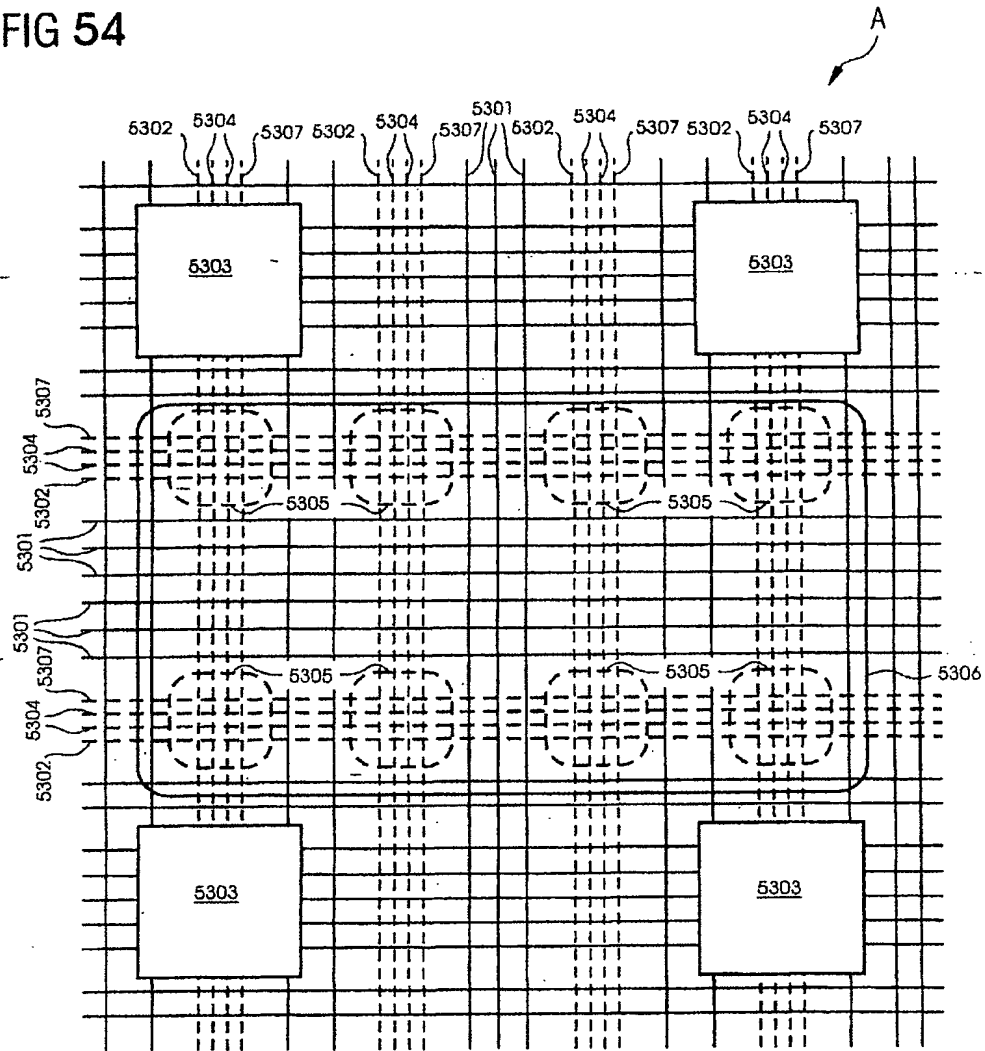


FIG 55

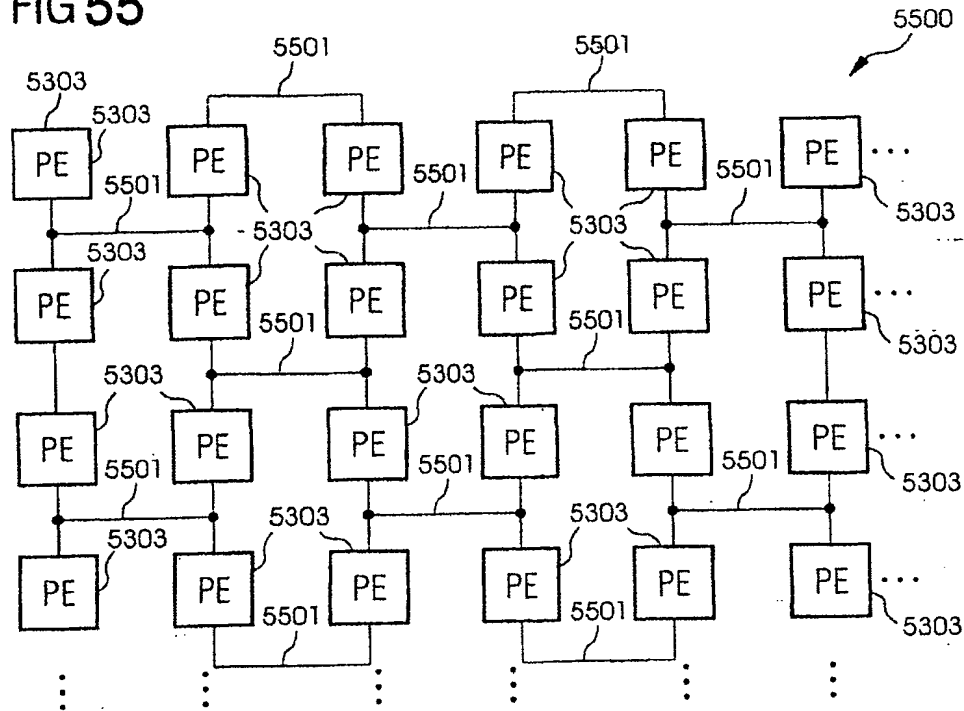


FIG 56

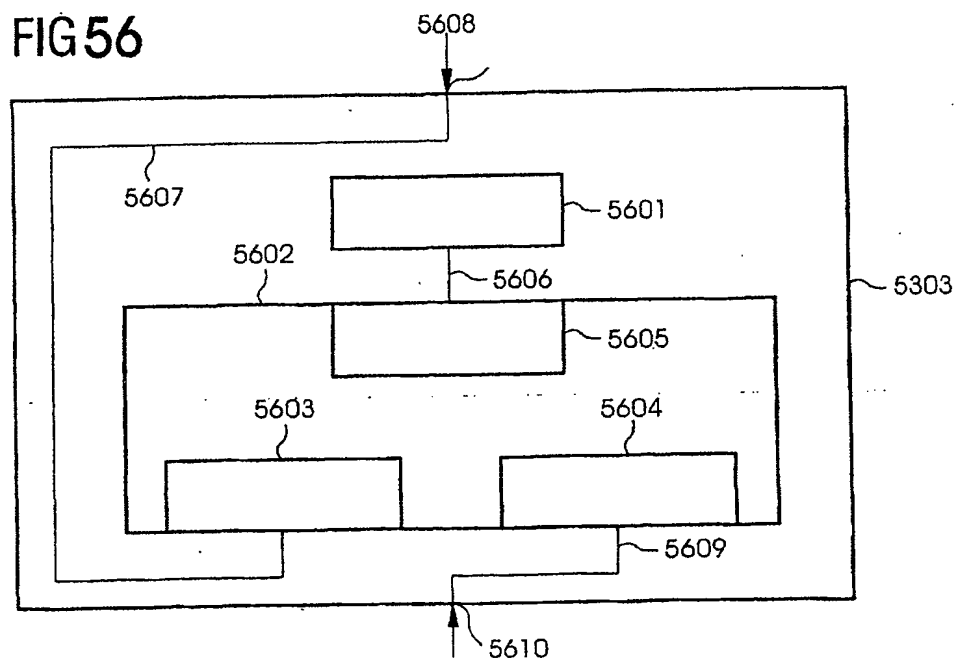


FIG 57

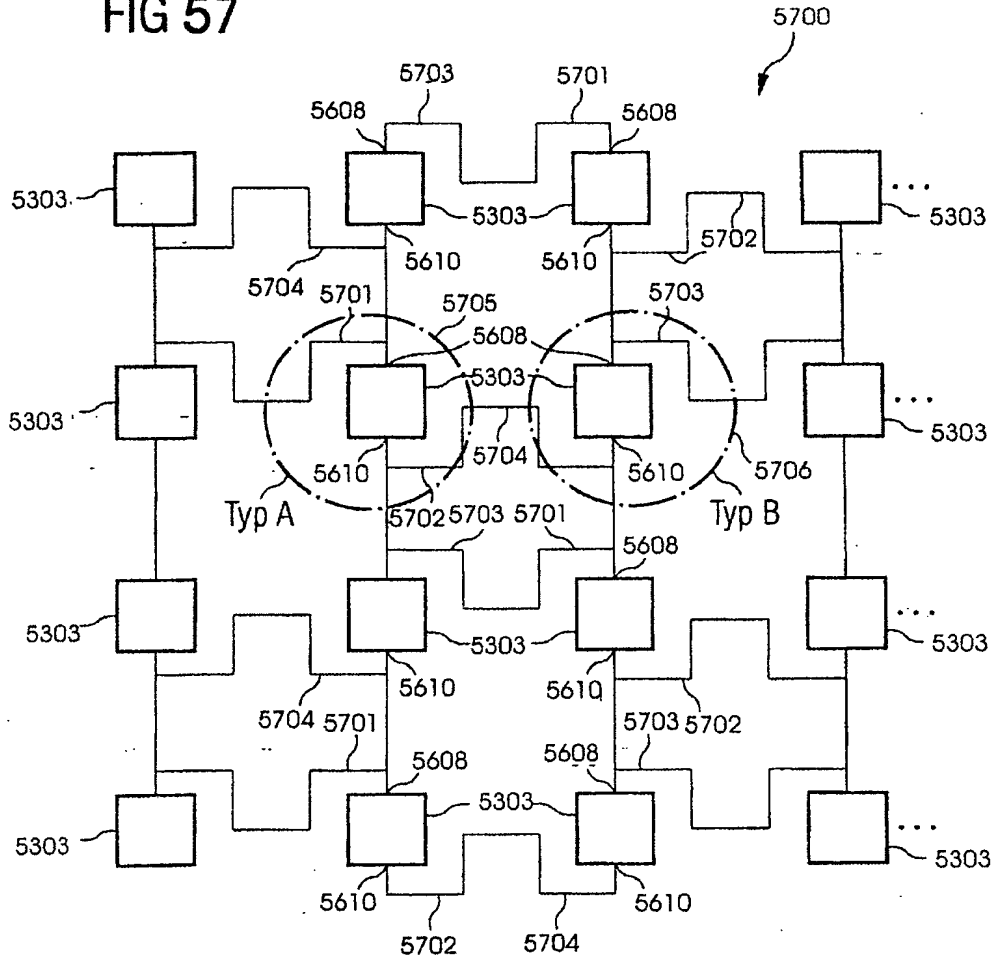
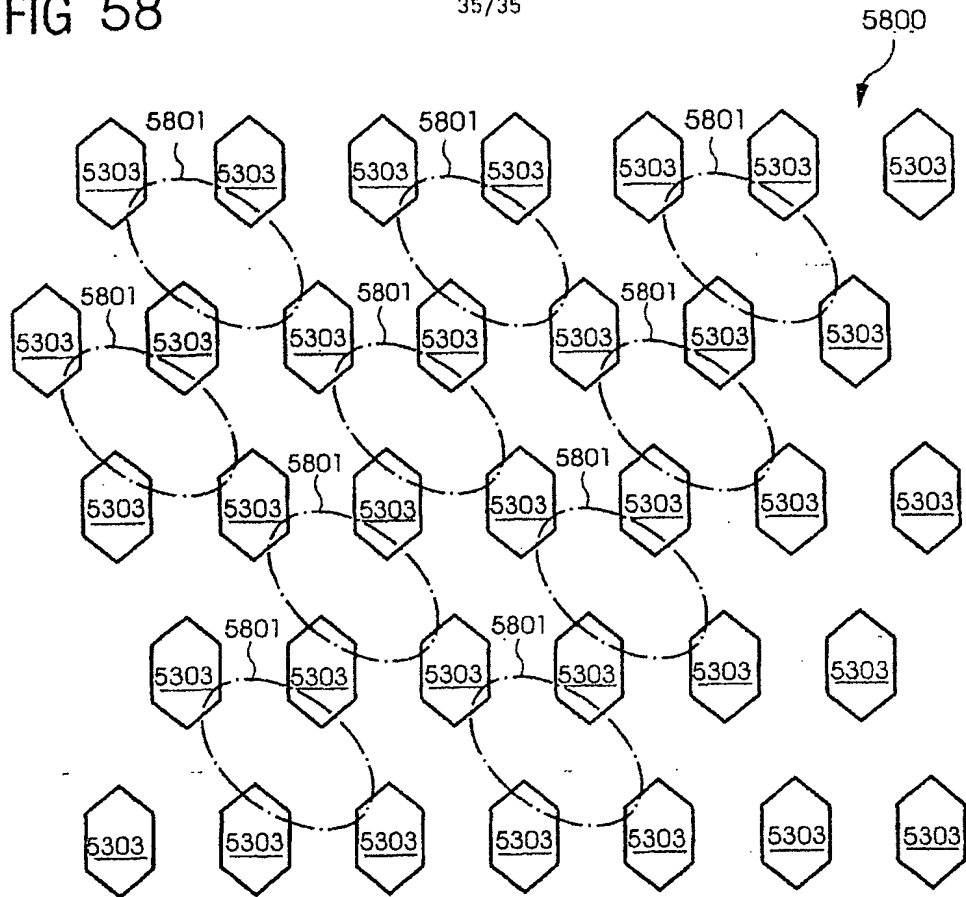


FIG 58

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